

1   **WHAT IS CLAIMED IS:**

2           1. A heat induction workstation comprising:

3           a base;

4           a housing with a front, a top, a bottom, two sides and an inner space and  
5   mounted on the base and having an opening defined in the front, and two baffles  
6   formed in the housing to divide the inner space in the housing into a central  
7   chamber communicated with the opening, a first side chamber and a second side  
8   chamber;

9           a working station assembly mounted in the central chamber in the  
10   housing and comprising at least one induction heating device mounted in the  
11   central chamber;

12          an electrical power supplier mounted in the first side chamber and  
13   electrically connected to the at least one induction heating device to provide  
14   electrical power to the at least one induction heating device; and

15          a cooling device mounted in the second side chamber and connected to  
16   the electrical power supplier to reduce temperature of the electrical power  
17   supplier while the electrical power supplier is in operation.

18          2. The heat induction workstation as claimed in claim 1 further  
19   comprising at least one front door slidably attached to the front of the housing to  
20   close the opening.

21          3. The heat induction workstation as claimed in claim 2 further  
22   comprising two rails respectively mounted on the top and the front of the  
23   housing for the at least one door being slidably mounted between the rails.

24          4. The heat induction workstation as claimed in claim 1, wherein the

1 each respective side of the housing has a side opening defined in the side; and  
2 a side door is pivotally attached to each respective side of the housing to  
3 close the corresponding one of the side openings.

4 5. The heat induction workstation as claimed in claim 1 further  
5 comprising a control panel attached to the housing and electrically connected to  
6 the at least one induction heating device, the cooling device and the electrical  
7 power supplier.

8 6. The heat induction workstation as claimed in claim 1 further  
9 comprising a cooling pool mounted in the central chamber of the housing and  
10 corresponding to each at least one induction heating device.